Bruhat Bengaluru Mahanagara Palike

Providing Junction Improvement Works Under SURAKSHA-75

In Arterial and Sub Arterial roads at Yelahanka Road Vidyaranyapura main road, Hostel Bus Stop Junction, Byatarayanapura Junction, Veerenapalya Bus Stop in Yelahanka Zone

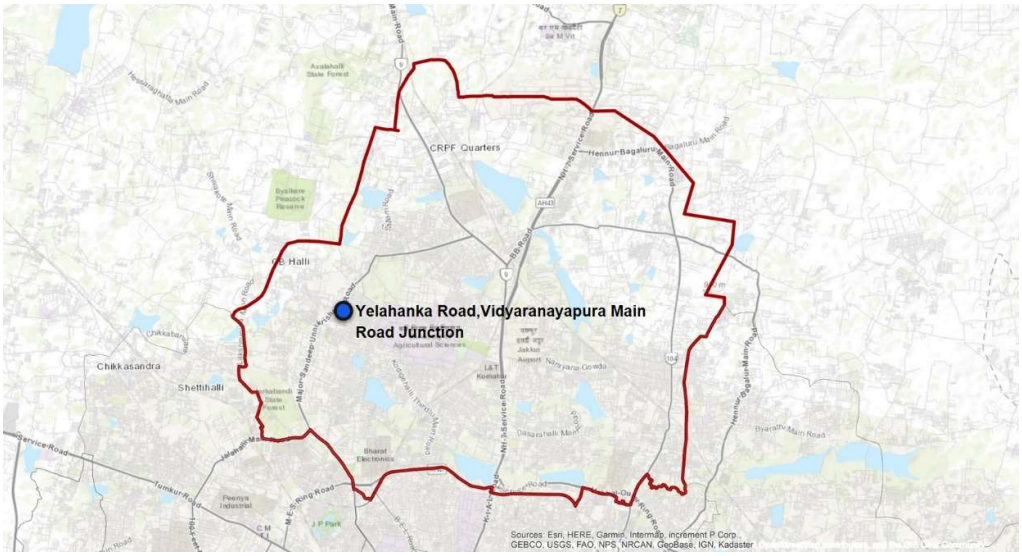
1. YELAHANKA ROAD VIDYARANYAPURA MAIN ROAD

Aim

The junction where Yelahanka Road meets Vidyaranyapura Main Road is situated in the Vidyaranyapura area, which is a residential neighborhood in North Bangalore. The junction is part of the Vidyaranyapura and Yelahanka areas, which are known for their residential communities, schools, and local markets. The junction provides access to other key areas in North Bangalore. It serves as an important link for residents and commuters traveling between these neighborhoods. The junction sees pedestrian traffic from residents, school children, and local shoppers. The project aims to create a safe pedestrian infrastructure through Crossing, ramps, Bollard etc.

Site Data

Location - 13.086, 77.5555


Yelahanka Road,Vidyaranayapura Main Road Junction
CRPF Quarters
Chikkasandra
Shettihalli
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster

Major Scope of Works

- Drains undergo desilting to ensure the effective removal of sediments and waste materials, thereby preventing blockages and maintaining optimal drainage performance.
- Refurbishment of drains and installation of fresh drain slabs.
- The demolition or dismantling process of the existing dilapidated footpaths and other built structures will be executed as per the reference drawings provided.
- Placing of edge kerb and pavers in the central plaza.
- Construction of Ramp with Placement of bollards at entry and exit locations.
- Providing Pole lights for effective & sufficient lightings.
- Providing of soil & Planting of Flowering/non flowering plants & shrubs.
- Implementation of lane markings & Stop lane; in addition to cat-eye markers.
- Placing sign boards & Arrow direction Marking as a way finding measure.
- Providing Rumble strips.

Extent of scope

Site Photos

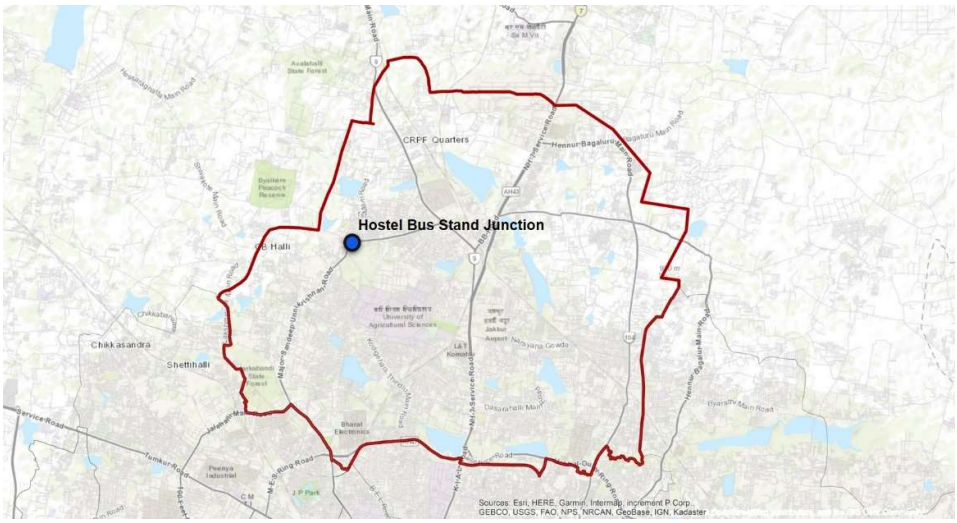
2. HOSTEL BUS STAND JUNCTION

Aim

The junction is near several hostels in the Yelahanka area, primarily serving students and residents of the nearby educational institutions. The junction is well-connected to other parts of Yelahanka, including Yelahanka New Town and the surrounding educational institutions. It serves as a transit point for students and residents, with BMTC buses frequently operating in the area. The junction significant pedestrian traffic from students, faculty, and residents commuting to and from the nearby educational institutions and residential areas. The project aims to create a create a safe, accessible, and inclusive environment for pedestrians particularly students and other residents in the area.

Site Data

Location - 13.0977, 77.5629

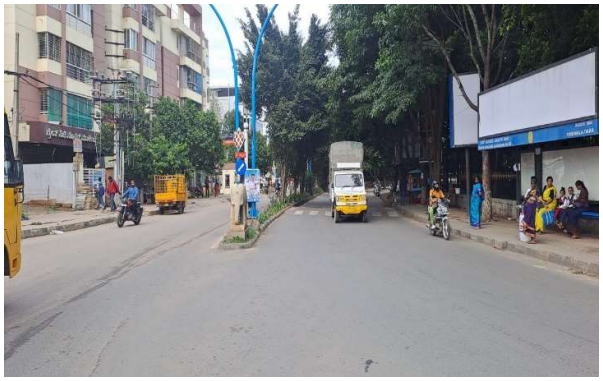

Hostel Bus Stand Junction
CRPF Quarters
Chikkasandra
Shettihalli
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster

Major Scope of Works

- Drains undergo desilting to ensure the effective removal of sediments and waste materials, thereby preventing blockages and maintaining optimal drainage performance.
- Refurbishment of drains and installation of fresh drain slabs.
- The demolition or dismantling process of the existing dilapidated footpaths and other built structures will be executed as per the reference drawings provided.
- Placing of edge kerb and pavers in the central plaza.
- Construction of Ramp with Placement of bollards at entry and exit locations,
- Providing Pole lights for effective & sufficient lighting.
- Providing of soil & Planting of Flowering/non flowering plants & shrubs.
- Implementation of lane markings & Stop lane; in addition to cat-eye markers.
- Placing sign boards & Arrow direction Marking.
- Providing Rumble strips.

Extent of scope

Site Photos



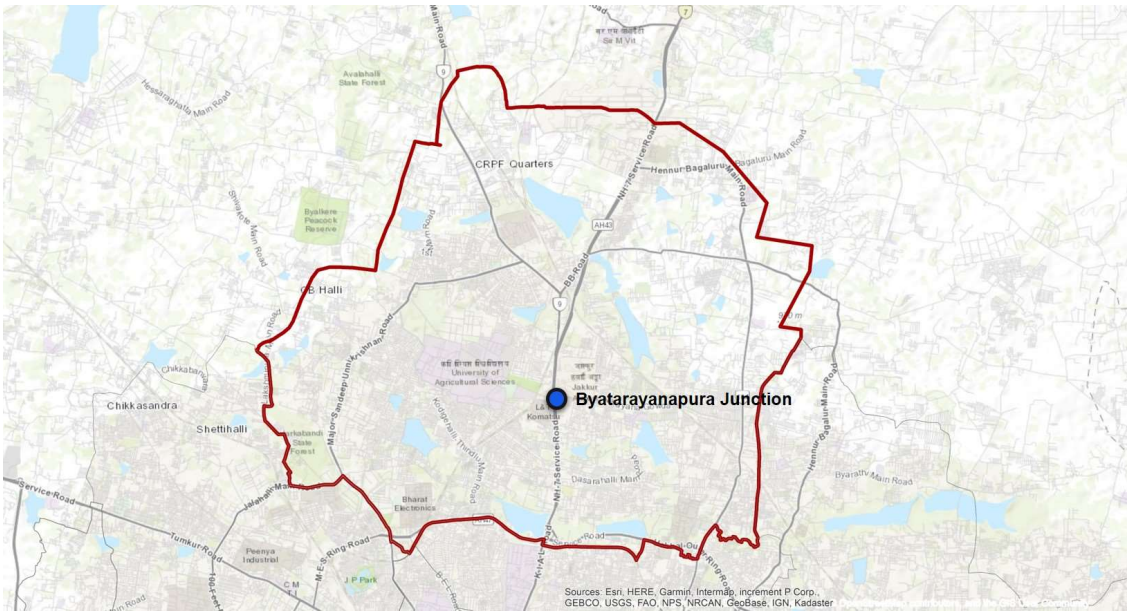
3. BYATARAYANPURA JUNCTION

Aim

Byatarayanapura Junction is situated along the Bellary Road (National Highway 44) in the Yelahanka area. It is a key junction that connects Bellary Road with other local roads leading into the Byatarayanapura neighborhood. The junction is part of the Byatarayanapura area within the Yelahanka zone. This area is primarily residential but also has commercial establishments and schools. Byatarayanapura Junction provides crucial connectivity between Yelahanka and other parts of Bangalore, especially via Bellary Road, which is a major arterial road leading to the Bangalore International Airport. The junction experiences heavy traffic, particularly during peak hours, due to its strategic location along Bellary Road, a key route to the airport and central Bangalore. Project aims to improve pedestrian infrastructure given the high traffic volumes and diverse user group of pedestrians consisting residents, local businesses, and commuters using public transport.

Site Data

Location - 13.067306, 77.593354


Byatarayanapura Junction
CRPF Quarters
Chikkasandra
Shettihalli
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster

Major Scope of Works

- Drains undergo desilting to ensure the effective removal of sediments and waste materials, thereby preventing blockages and maintaining optimal drainage performance.
- Refurbishment of drains and installation of fresh drain slabs.
- The demolition or dismantling process of the existing dilapidated footpaths and other built structures will be executed as per the reference drawings provided.
- Placing of edge kerb and pavers in the central plaza.
- Construction of Ramps with Placement of bollards at entry and exit locations.
- Providing Pole lights for effective & sufficient lighting.
- Providing of soil & Planting of Flowering/non flowering plants & shrubs.
- Soil preparation and lawn/ground cover planting services.

- Implementation of lane markings & Stop lane; in addition to cat-eye markers.
- Placing sign boards & Arrow direction Marking.
- Providing Rumble strips.

Extent of scope

Site Photos

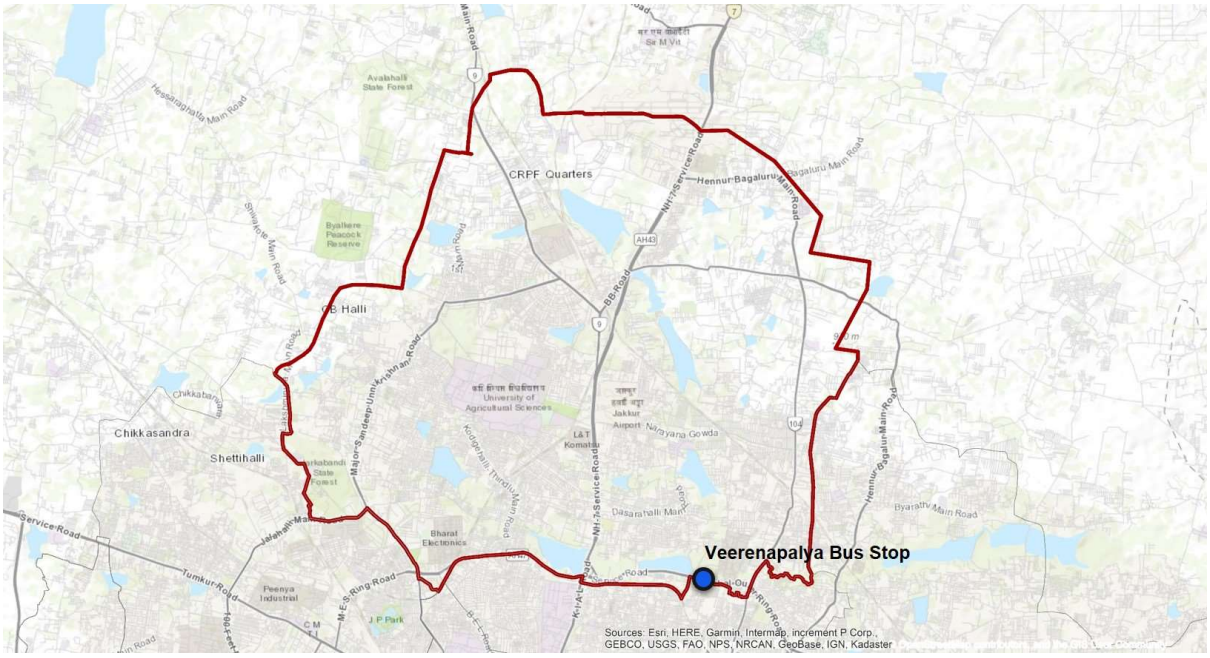
4. VEERNAPALYA BUS STOP

Aim

The Ashwathnagar Bus Stop Junction, located on Dr. Rajkumar Road in Bangalore, Karnataka, is a significant traffic node and intersection in the city. The junction is serviced by local bus routes, making it a busy transit hub for daily commuters. Project aims to transform Ashwathnagar Bus Stop Junction into a safer, inclusive pedestrian friendly junction.

Site Data

Location - 13.04233, 77.61353



Major Scope of Works

- Drains undergo desilting to ensure the effective removal of sediments and waste materials, thereby preventing blockages and maintaining optimal drainage performance.
- Refurbishment of drains and installation of fresh drain slabs.
- The demolition or dismantling process of the existing dilapidated footpaths and other built structures will be executed as per the reference drawings provided.
- Placing of edge kerb and pavers in the central plaza.
- Placement of bollards at entry and exit locations.
- Providing Pole lights for effective & sufficient lighting.
- Providing of soil & Planting of Flowering/non flowering plants & shrubs.
- Implementation of lane markings & Stop lane; in addition to cat-eye markers.
- Placing sign boards & Arrow direction Marking
- Providing Rumble strips.

Extent of scope

Site Photos